

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PU0392-PCT</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP2004/014074</b>	International filing date (day/month/year) <b>10/12/2004</b>	(Earliest) Priority Date (day/month/year) <b>12/12/2003</b>
Applicant <b>AMERSHAM BIOSCIENCES AB</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box II).

3.  Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 3b

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/014074

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01N30/82

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/052701 A1 (GORENSTEIN MARC V) 2 May 2002 (2002-05-02) abstract	1,6
Y	-----	2-5,7-10
X	US 2003/183565 A1 (MICHEL JONATHAN D ET AL) 2 October 2003 (2003-10-02) paragraphs '0004!, '0006!, '0008!	1,6
X	US 4 546 643 A (BONNEYRAT ET AL) 15 October 1985 (1985-10-15) abstract	1,6
Y	column 1, lines 23,24 column 2, lines 43-68 column 3, lines 25-28 column 3, lines 39-41 column 3, lines 62-66 figure 2	2-5,7-10
	-----	-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

30 May 2005

Date of mailing of the International search report

22/07/2005

Name and mailing address of the ISA

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**INTERNATIONAL SEARCH REPORT**International Application No  
PCT/EP2004/014074**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/12191 A (TRANSGENOMIC, INC) 9 March 2000 (2000-03-09) page 19, lines 7-26; figure 19 -----	1,6

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No PCT/EP2004/014074	
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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002052701	A1 02-05-2002	AU	8885701 A	22-03-2002
		EP	1315964 A2	04-06-2003
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		CA	2480075 A1	09-10-2003
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		WO	03082428 A1	09-10-2003
		US	2003222004 A1	04-12-2003
US 4546643	A 15-10-1985	FR	2528179 A1	09-12-1983
		AT	27505 T	15-06-1987
		DE	3371826 D1	02-07-1987
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		JP	4026061 B	06-05-1992
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		EP	1027123 A1	16-08-2000
		JP	2002523074 T	30-07-2002
		WO	0012191 A1	09-03-2000
		US	6737022 B1	18-05-2004

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**Zinngrebe, U**

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